PATENT COOPERATION TREATY

From the INTERNATION	IAL SEARCHING AUTHORITY	PC	` T		
To: GLAXOSMITHKLINE, Attn. Gibson, Ma: 980 Great West Ro Brentford, Middlo UNITED KINGDOM	rk	NOTIFICATION OF T THE INTERNATIONAL SI THE WRITTEN OPINION O SEARCHING AUTHORITY,	EARCH REPORT AND F THE INTERNATIONAL		
	<u> </u>	(day/month/year) 14/03/	2005		
Applicant's or agent's file re MXG-PB60517	oronco CC/C/S) M/ 1898: N/A d separa 19/05/	-	ee paragraphs 1 and 4 below		
International application No. PCT/EP2004/010843	3	International filing date (day/month/year) 23/09/	2004		
Applicant					
GLAXO GROUP LIMIT	red				
Filing of amendment The applicant is entitle the Men? The time Internation Where? Directly to For more detailed 2. The applicant is here Article 17(2)(a) to the Article 17(2)(a) to the Article the	reby notified that the International search in established and are transmitted herewit ents and statement under Article 19: titled, if he so wishes, to amend the claim itel limit for filing such amendments is non- tional Search Report; however, for more- to the International Bureau of WIPO, 34- 1211 Geneva 20, Switzerland, Fa Instructions, see the notes on the accor- treby notified that no international search hat effect and the written opinion of the In- protest against payment of (an) addition gether with the decision thereon has been quest to forward the texts of both the protest as been made yet on the protest; the app	is of the International Application (see maily 2 months from the date of transmetals, see the notes on the accompanchemin des Colombettes scimile No.: (41–22) 740.14.35 mpanying sheet. report will be established and that the temational Searching Authority are transmitted to the International Bureatest and the decision thereon to the decision thereon the decision the decision the decision thereon the decision the dec	Rule 46): nittal of the nying sheet. declaration under unsmitted herewith. ant is notified that: au together with the signated Offices.		
Shortly after the expiration of 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90 bis.1 and 90 bis.3, respectively, before the completion of the technical preparations for international Bureau as provided in Rules 90 bis.1 and 90 bis.3, respectively, before the completion of the technical preparations for international Bureau as provided in Rules 90 bis.1 and 90 bis.3, respectively, before the completion of the technical preparations for international publication. The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. These comments would also be made available to the public but not before the expiration of 30 months from the priority date. Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filled if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices. In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is filled within 19 months. See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the PCT Applicant's Guide, Volume II, National Chapters and the WIPO Internet site.					
European Paten	0-2040, Tx. 31 651 epo nt.	Authorized officer Josef Ullrich			

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER	
MXG-PB60517	ACTION as w	see Form PCT/ISA/220 vell as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/EP2004/010843	23/09/2004	26/09/2003
Applicant		
GLAXO GROUP LIMITED		
according to Afficie to: A copy is being us	•	uthority and is transmitted to the applicant
This International Search Report consists		
X It is also accompanied by	a copy of each prior art document cited in th	is report.
1. Basis of the report		
 With regard to the language, the language in which it was filed, unli 	international search was carried out on the b ess otherwise indicated under this item.	pasts of the international application in the
_	search was carried out on the basis of a tran	: aslation of the international application furnished to
_		ed in the international application, see Box No. I.
2. Certain claims were four	nd unsearchable (See Box II).	
3. Unity of invention is lack	ding (see Box III).	
4. With regard to the title,		
the text is approved as sul		
	hed by this Authority to read as follows:	
A POLYMORPHIC FORM OF	3-PHENYLSULFONYL -8-PIPERA	ZIN-1-YL-QUINOLINE
	·	
5. With regard to the abstract,		
the text is approved as sub	omitted by the applicant.	·
X the text has been establish	ned, according to Rule 38.2(b), by this Author	rity as it appears in Box No. IV. The applicant urch report, submit comments to this Authority.
6. With regard to the drawings,		
	ublished with the abstract is Figure No	
as suggested by the		
	Authority, because the applicant failed to su	iggest'a figure.
as selected by this	Authority, because this figure better charact	
b. X none of the figures is to be	published with the abstract.	

Form PCT/ISA/210 (first sheet) (January 2004)

International application No.

PCT/EP2004/010843

Box No. IV Text of the abstract (Continuation of Item 5 of the first sheet)

This invention relates to a novel polymorph of 3-phenylsulfonyl -8-piperazin-1-yl-quinoline processes for its preparation, to compositions containing it and to its use in the treatment of CNS and other disorders.

Form PCT/ISA/210 (continuation of first sheet (3)) (January 2004)

International Application No

A. CLAS	SIFICATION OF SUBJECT MATTER		1 017 27 2004/010843
IPC 7	C07D215/40 A61K31/47 A61	P25/00	
According	to International Patent Classification (IPC) or to both national		
J	SEARCHED		
Minimum o	tocumentation searched (classification system followed by cl CO7D A61K	assification symbols)	
176 /	CO7D A61K		
Documenta	ation searched other than minimum documentation to the exte	ent that such documents are inch.	ded in the Golds
		mat sour documents are inclu	loed in the fields searched
Electronic o	tata base consulted during the interest		
EPO-In	tata base consulted during the international search (name of	data base and, where practical,	search terms used)
L1 0-11	icer ila i		
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT		
Category •	Citation of document, with indication, where appropriate, or	the relevant pageages	
		- The relevant passages	Relevant to claim No.
P,A	WO 03/080580 A (GLAXO GROUP L	THITCO	
	THINKS TARRIOUD: JUHNSON CUST	CTODUCD	1-17
	HONDENI, OUI / UCIABAR PANA /	2003-10-02)	·
ŀ	Cited in the application	10 02)	
ì	examples 16,51,52] *
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Furthe	r documents are listed in the continuation of box C.	X Patent family men	nbers are listed in annex.
pecial cate	gories of cited documents:		
document	defining the general state of the art which is not	"T" later document publish	ed after the international filing date of in conflict with the application but
**********	ed to be of particular relevance cument but published on or after the international	cited to understand the	e principle or theory underlying the
ranig carre	•	*X* document of particular	relevance; the claimed invention
	which may throw doubts on priority claim(s) or clied to establish the publication date of another	involve an inventive st	novel or cannot be considered to lep when the document is taken alone
	r other special reason (as specified) referring to an oral disclosure, use, exhibition or	"Y" document of particular : cannot be considered	relevance; the claimed invention
OHIO: 1110	W 12	UUCUMENI IS COMOINEC	I with one or more other such docu- ion being obvious to a person skilled
later than	published prior to the international filling date but the priority date claimed	at the an.	
e of the act	ual completion of the International search	*&* document member of the	
		Date of making of the in	sternational search report
1 M	larch 2005	14/03/200!	5
ne and mail	ing address of the ISA		
	European Patent Office, P.B. 5818 Patentines o	Authorized officer	
	Tel. (+31-70) 340-2040, Tx. 31 651 eno pl		
	Fax: (+31-70) 340-3016	Bakboord,	J

International application No. PCT/EP2004/010843

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)	
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:	
1. X Claims Nos.: 14, 15 because they relate to subject matter not required to be searched by this Authority, namely:	
Although claims 14 and 15 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compounds.	đ
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:	
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).	
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)	
This International Searching Authority found multiple inventions in this international application, as follows:	
As all required additional search fees were timely paid by the applicant, this international Search Report covers all searchable claims.	
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.	
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:	
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:	
Remark on Protest The additional search fees were accompanied by the applicant's protest.	
No protest accompanied the payment of additional search fees.	

Form PCT/ISA/210 (continuation of first sheet (2)) (January 2004)

information on patent family members

International Application No PCT/EP2004/010843

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 03080580	Α	02-10-2003	AU BR CA	2003219103 0308696 2479786	Α	08-10-2003 25-01-2005 02-10-2003
			WO EP	03080580 1497266		02-10-2003 19-01-2005

Form PCT/ISA/210 (patent family annex) (January 2004)